

FIG. 1
wireless communication device 10
(transmitter section)

standard data rates 35

data rate (Mbps)	modulation	coding rate
6	BPSK	1/2
9	BPSK	3/4
12	QPSK	1/2
18	QPSK	3/4
24	16 - QAM	1/2
36	16 - QAM	3/4
48	64 - QAM	2/3
54	64 - QAM	3/4

non-standard data rates 37

data rate (Mbps)	modulation	coding rate
15	QPSK	5/8
21	QPSK	7/8
30	16 - QAM	5/8
42	16 - QAM	7/8
62	64 - QAM	7/8
66	64 - QAM	11/12

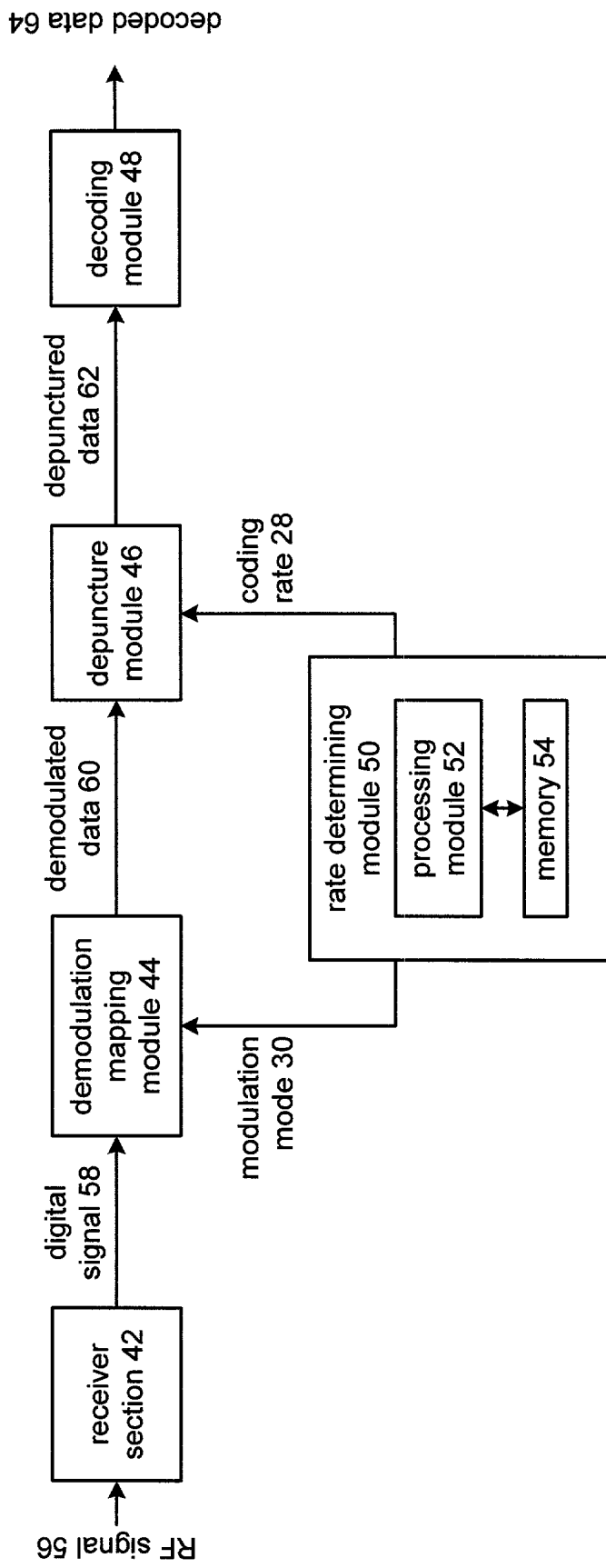


FIG. 2
wireless communication device 40
(receiver section)

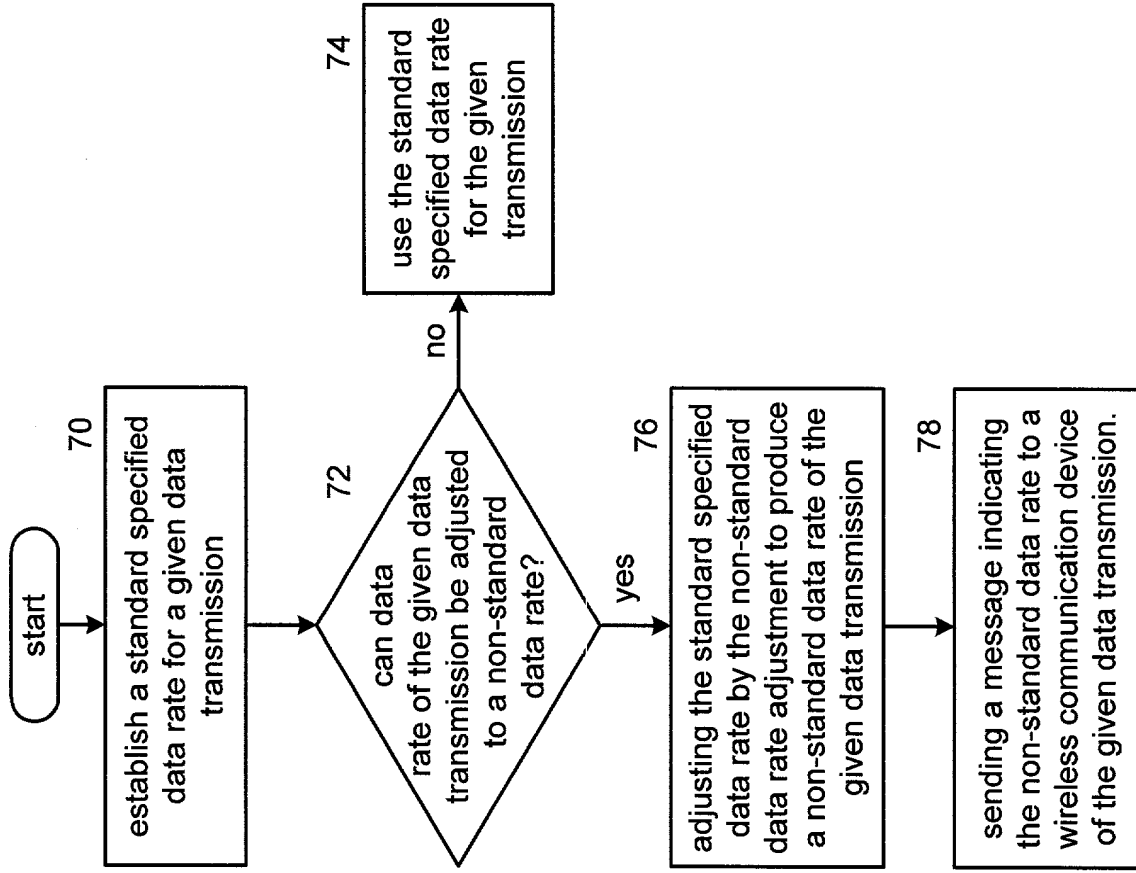


FIG. 3

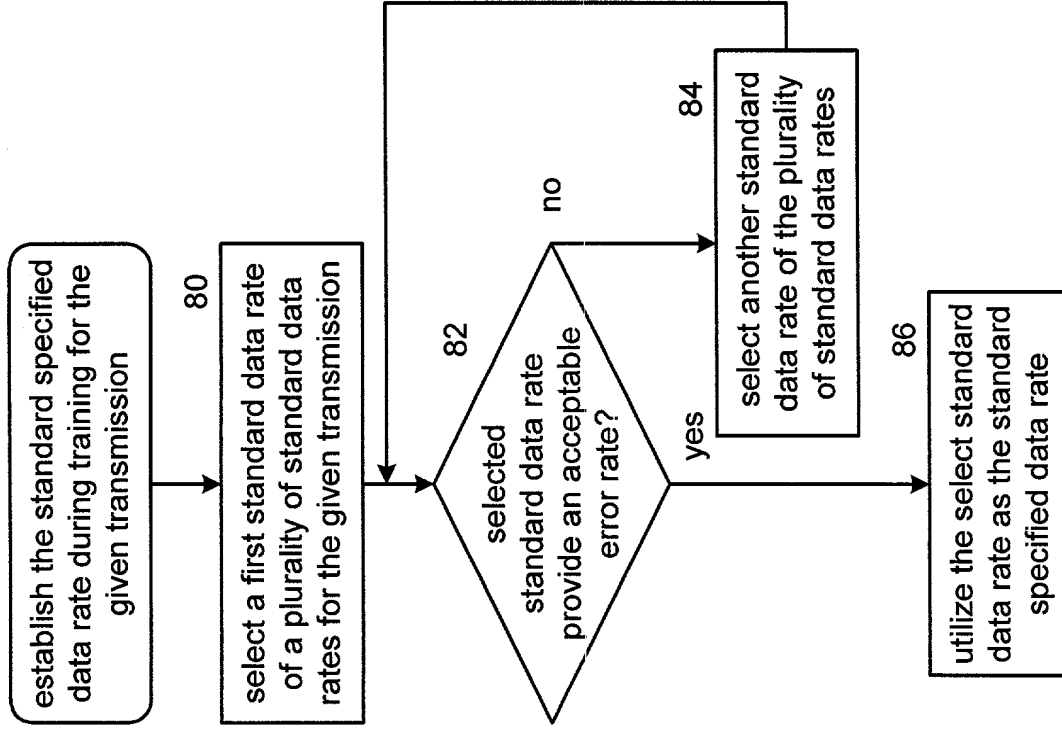


FIG. 4

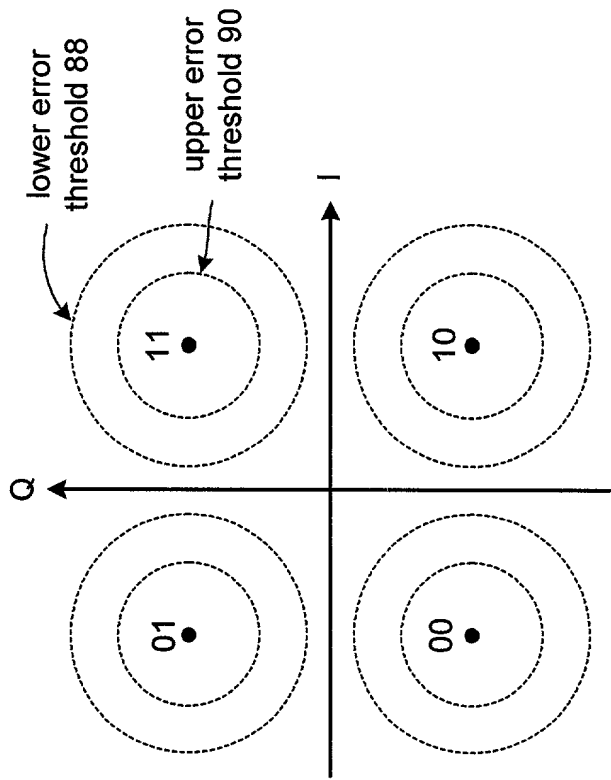


FIG. 5

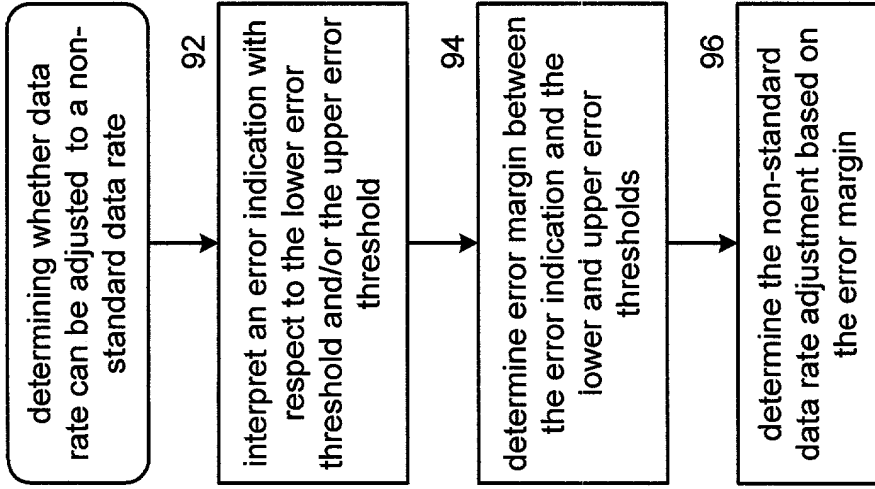


FIG. 6